

IN THE CLAIMS:

1. (Canceled).
2. (Canceled).
3. (Withdrawn). The organic luminescence device according to claim 2, wherein the metal(s) is/are one or more metals selected from the following A group; and the compound(s) is/are one or more calcogenides or nitrides; A group: In, Sn, Ga, Si, Ge, Zn, Cd, Mg, Al, Ta and Ti.
4. (Withdrawn) The organic luminescence device according to claim 2, wherein the inorganic thin film layer comprises two or more selected from oxides, oxynitrides, carbides, and nitrides of In, Sn, Ga, Si, Al, Ta, Ti, Ge, Zn, Cd and Mg.
5. (Withdrawn) The organic luminescence device according to claim 2, wherein the inorganic thin film layer is made mainly of at least one of oxides of In, Sn and Ga.
6. (Withdrawn) The organic luminescence device according to claim 2, wherein the inorganic thin film layer is made mainly of $(\text{Si}_{1-x}\text{Ge}_x)\text{O}_y$ wherein $0 < x < 1$, and $1.7 < y < 2.2$.
7. (Withdrawn) The organic luminescence device according to claim 2, wherein the inorganic thin film layer comprises two or more of the metals or compounds, at least one of the metals or compounds having a work function of 4.5 eV or more.

8. (Withdrawn) The organic luminescence device according to claim 7, wherein the compounds are oxides, carbides, nitrides, silicides and borides.

9. – 11. (Canceled).

12. (Withdrawn) The organic luminescence device according to claim 2, wherein the metals are two or more metals comprising at least one selected from the following C group; C group: Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu.

13. (Withdrawn) The organic luminescence device according to claim 12, wherein the compounds are oxides, carbides, nitrides, silicides, and borides.

14. (Withdrawn) The organic luminescence device according to claim 2, wherein the metals are two or more metals comprising one or more metals selected from the following A group; and one or more metals selected from the following C group; A group: In, Sn, Ga, Si, Ge, Zn, Cd, Mg, Al, Ta and Ti; C group: Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu.

15. (Withdrawn) The organic luminescence device according to claim 1, wherein the inorganic thin film layer is made mainly of at least one oxide selected from oxides of Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu.

16. (Currently Amended) The organic luminescence device according to ~~claim 1~~ claim 21, wherein the inorganic thin film layer has a hole-injecting property.

17. (Canceled).

18. (Currently Amended) The organic luminescence device according to ~~claim 1~~ claim 21, wherein the ortho-metallized metal complex is an iridium complex.

19. (Currently Amended) The organic luminescence device according to ~~claim 1~~ claim 21, wherein the organic emitting layer comprises a polymer compound as a host material.

20. (Currently Amended) An organic emitting substrate wherein the organic luminescence device according to ~~claim 1~~ claim 21 is arranged on a plastic substrate.

21. (New) An organic luminescence device comprising, arranged in the following order:

an anode;

an insulating or semiconductive inorganic thin film layer having an energy gap of 2.7 eV or more;

an organic compound layer comprising one or more layers which comprise at least an organic emitting layer, at least one of the layers containing an ortho-metallized metal complex; and

a cathode;

the inorganic thin film layer comprising one or more metals or compounds selected from metals, metal carbides, nitrides, silicides and borides.

22. (New) An organic luminescence device comprising, arranged in the following order:

an anode;

an insulating or semiconductive inorganic thin film layer having an energy gap of 2.7 eV or more;

an organic compound layer comprising one or more layers which comprise at least an organic emitting layer, at least one of the layers containing an ortho-metallized metal complex; and

a cathode;

the inorganic thin film layer comprising one or more compounds selected from metal chalcogenides and oxynitrides;

the metals being two or more metals comprising one or more metals selected from the following A group; and one or more metals selected from the following B group;

A group: In, Sn, Ga, Si, Ge, Zn, Cd, Mg, Al, Ta and Ti;

B group: B, Tl, Ge, Sn, Pb, As, Bi, Te, Po, Au, Ni, Ir, Pt, Pd, Ru, Bi and Co, having a work function of 4.5 eV or more.

23. (New) An organic luminescence device comprising, arranged in the following order:

an anode;

an insulating or semiconductive inorganic thin film layer having an energy gap of 2.7 eV or more;

an organic compound layer comprising one or more layers which comprise at least an organic emitting layer, at least one of the layers containing an ortho-metallized metal complex; and

a cathode;

the inorganic thin film layer comprising germanium oxide or cerium oxide.

24. (New) The organic luminescence device according to claim 21, wherein the ionization energy of the inorganic thin film layer is more than 5.6 eV.

25. (New) The organic luminescence device according to claim 22, wherein the inorganic thin film layer has a hole-injecting property.

26. (New) The organic luminescence device according to claim 22, wherein the ionization energy of the inorganic thin film layer is more than 5.6 eV.

27. (New) The organic luminescence device according to claim 22, wherein the ortho-metallized metal complex is an iridium complex.

28. (New) The organic luminescence device according to claim 22, wherein the organic emitting layer comprises a polymer compound as a host material.

29. (New) An organic emitting substrate wherein the organic luminescence device according to claim 22 is arranged on a plastic substrate.

30. (New) The organic luminescence device according to claim 23, wherein the inorganic thin film layer has a hole-injecting property.

31. (New) The organic luminescence device according to claim 23, wherein the ionization energy of the inorganic thin film layer is more than 5.6 eV.

32. (New) The organic luminescence device according to claim 23, wherein the ortho-metallized metal complex is an iridium complex.

33. (New) The organic luminescence device according to claim 23, wherein the organic emitting layer comprises a polymer compound as a host material.

34. (New) An organic emitting substrate wherein the organic luminescence device according to claim 23 is arranged on a plastic substrate.